This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) Piston engine, ~~in particular an axial piston engine or radial piston engine,~~ with a housing in which a shaft is rotatably mounted in two pivot bearings, ~~of which~~ at least one said pivot bearing [[has]] being a cylinder roller bearing having an inner ~~ring which is seated, without radial clearance of motion, on a supporting region of~~ race, a bearing section of said shaft having a supporting region on which a central portion of said inner race is seated in a radially tight fit therewith, ~~wherein the axial length of~~ the supporting region of the shaft having an axial length which corresponds to a central ~~region~~ portion of the bearing section ~~and, at the~~ and forming at two opposite outer axial regions, ~~a radial~~ an annular clearance ~~of motion is disposed~~ between each of said outer regions and the inner [[ring]] race, said inner race being pre-stressed so as to assume a convex deformation in conjunction with the support thereof on the central portion of the bearing section.

2. (Currently Amended) Piston engine according to claim 1, wherein the bearing section of said shaft has a ~~greater~~ larger diameter in the central ~~region~~ portion on which said inner race is seated than ~~in its outer~~ the diameters of the shaft that form the annular clearances with the opposite axial end regions of the inner race.

3. (Currently Amended) Piston engine according to claim 1, wherein the inner ~~ring has~~ race has a smaller internal diameter in its central ~~region~~ portion than ~~in its outer regions~~ the internal diameters of the opposite axial outer end regions thereof.

4. (Currently Amended) Piston engine according to claim 1, wherein the central supporting region ~~amounts to about 1/2 to 1/4, and in particular to about 1/3, of~~ between said inner race and said shaft is in the range of about 1/4 to 1/2 the length (L) of the bearing section of said shaft.

5. (Currently Amended) Piston engine according to claim 1, wherein the central supporting region is of a cylindrical ~~construction~~ configuration.

6. (Currently Amended) Piston engine according to claim [[1]] 2, wherein the ~~outer regions are shaped in a manner converging towards their edges that face away~~ diameters of the shaft extending from the central ~~regions and, in particular, are narrowed in a step-shaped manner~~ bearing region are stepped down in size from the diameter of the central bearing region.

7. (Currently Amended) Piston engine according to claim 6, wherein the ~~outer regions~~ stepped diameters are narrowed ~~in a cylindrical manner~~ cylindrically.

Claim 8 (Cancelled).

9. (Currently Amended) Piston engine according to claim [[8]] 1, wherein the ~~pivot bearing according to the invention is a plain bearing or a rolling~~ cylinder roller bearing~~, in particular~~ comprises a needle bearing.

Claims 10-20 (Cancelled).